

BUS AIR CONDITIONING MECHANIC LEADWORKER*Class Definition*

Under general supervision, performs leadworker duties and maintains and repairs heating, cooling, and refrigeration equipment on City Transit buses.

Distinguishing Characteristics

Bus Air Conditioning Mechanic Leadworker is the advanced working/lead class in the Bus Air Conditioning Mechanic series. The incumbent provides lead supervision over a group of mechanics who perform specialized repairs and maintenance on the heating, cooling, and refrigeration equipment of City Transit buses. This class differs from Bus Air Conditioning Mechanic in that incumbents of the latter do not possess leadworker responsibilities. This class is distinguished from Bus Maintenance Supervisor I in that incumbents of the latter have full supervisory responsibility for an entire shift.

Typical Tasks

(The incumbent may not be assigned all duties listed, nor do the examples cover all duties which may be assigned.)

Assigns, coordinates, and monitors the work of subordinates in the maintenance and repair of bus heating, cooling, and refrigeration systems.

Schedules and monitors maintenance and repairs on all bus air conditioning and related equipment; ensures quality control.

Conducts training of subordinate personnel in the proper repair, maintenance, and rebuilding of bus heating, cooling, and refrigeration components.

Inspects and tests heating, cooling, and refrigeration systems for leaks, worn or defective parts, or other malfunctions.

Performs major overhauls and routine maintenance and repair on cooling, heating, and refrigeration equipment.

Analyzes operating efficiency of ventilation units; recommends improvements or modifications.

Adjusts valves, gauges, thermostats, and other controls.

Drains and/or adds coolant as required.

Rebuilds assorted bus components (alternators, generators, heat/cool units, etc.); maintains available supply for entire shop.

Maintains records for preventive maintenance, inventory, and re-supply of components and parts; prepares status and similar informational reports; prepares bid specifications.

Uses mechanical hand and power tools and equipment of the trade.

Performs related duties as required.

Knowledge, Abilities, and Skills

Knowledge of the operating principles of automotive heating, cooling, and refrigeration systems.

Knowledge of methods, materials, equipment, tools, and techniques used in the repair, maintenance, and installation of automotive heating, cooling, and refrigeration systems common to gasoline and diesel coaches.

Knowledge of basic supervision and scheduling techniques.

Knowledge of automotive electrical systems.

Ability to troubleshoot and diagnose defects or problems in transit coach systems, particularly related to ventilation systems.

Ability to adapt available tools and parts to specific repair problems.

Ability to work from blueprints, sketches, and pencil diagrams.

Skill in the use of hand and mechanized tools, gauges, and instruments.

Minimum Qualifications

Two years of journey-level experience as a refrigeration mechanic involving work on large and complex industrial or commercial vehicles.

Necessary Special Requirements

Possession of a valid California Class II Driver's License at time of appointment and capable of acquiring a Class I Driver's License.

APPROVED: _____

Director of Personnel

DATE: _____